SBR NO. 158/14-15

P.W.D. 27 1st and final Bill **CONTRACT CERTIFICATE** Reference paras 158 & 170

NO

Division Yelahanka Sub division Yelahanka New Town Date

Bills received No Date Sub-divisional Cash book vr No

Divisional Date

Sheduled Docket No Head of account

YNK-DBR No. 264
Date 30-9-2014

Name of work(as per sanctioned estimate) :- **NAME OF WORK : Construction of Samudaya Bhavana first floor in 4th phase in ward no 03**

Work code:003-12-000076

Name of contractor and full address :- **Sri Somashekharareddy M**

Reference to agreement No :- 485 **Estimated cost :19.90** W.O.No:491/2013-14, dt:01/3/2014

Certified that the measurments were taken by me on 30/09/14 and recorded on pages 1 to 18 of measurment book No 1078 and the work is satisfactorily executed by the contractor.

Somashekarareddy — B.N Prasad

Signature of contractor — Assistant Engineer

Certified that the measurments were taken by me on 30/9/14 and recorded correct.The work is satisfactorily executed. Certified that the quantities of materials shown in column 3 of account II have been actualy brought to site of work and the contractor has not previously received any advance on this security. These materials are of any imperishable nature and are all required by the contractor for immidiate use on the work in connection with items for which rates finished work have been agreed upon.A formal agreement signed and executed by the contractor is recorded in divisional office.

Sub-divisional officer ಉಪವಿಭಾಗಾಧಿಕಾರಿಯವರು
ಯಲಹಂಕ ಉಪವಿಭಾಗ ಉಪವಿಭಾಗ.
ಜ.ಜ.ಎಂ.ಕ. ಬೆಂಗಳೂರು-106

II MEMORANDUM OF PAYMENT

1) Total value of work done or supplies as per A/c within		
2) Deduct amount to be held in reserve being-----percent Rs----------%---------		
3) Balance---		
4) Deduct payments		
a) Amount of previous payment as in divisional/sub divisional cash book vr No----------dated----------S.D No----------Amount	B/F	2005997
b) Cost of payments/stores or other materials supplied now made recovery of Amount paid on this bill by cheque/cash	F30	130390
	[illegible]	20060
	F37	80240
	L.C	20060
	CC	2006
Total	L.C	17338
	Gas	1813
5) Balance being unpaid value of work done held in reserve		
6) Deduct cash of advance made on divisional/sub divisional cash book	TA	271907
7) Net amount due to or from contractor.	CR	17340900
UN ADJUSTED ITEMS	C/F	2005997
8) Advance to contractor for materials to site(as detailed within)		
9) Value of government materials supplied.		
TOTAL AMOUNT UN-ADJUSTED		

Contractor's signatures Somashekarareddy

Received Rs----------(in words)----------

For use in the Executive Engineer's office----------

of payment as per memorandum
(in final settlement of all demand)
Witness
1)
2)

Reciept Stamp

Audited & Admitted for Rs. 2005997/-
Twenty lakh five thousand nine hundred & ninety seven
@ 17340900/- by Cheque
and Rs. 271907/- by adjustment

Dated signature of contractor
paid by me cheque No dated

Cash Rs

Date Initials of officer making payment Date Executive Engineer
Yelahanka Division
BBMP

Sl. No	Items grouped under Sub-heads and Sub-works of the estimate	Unit	Previous Measurement		Present Measurement			Total Up to date	
			Qty	Cost	Qty	Rate	Amount	Qty	Cost
1	KSRB 2-2.2 : Earth work excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in hard soil not exceeding 1.5m , in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50m.	cum			66.00	235.00	15510.00	66.00	15510.00
2	[illegible] laying in position plain cement concrete of mix M 7.5 with OPC cement at 180kgs, with 40mm and down size graded granite metal coarse aggregates @ 0.892cum and fine aggregates @0.57cum machine mixed, concrete laid in layers not, exceeding 15cms, thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as	cum			33.00	4490.00	148170.00	33.00	148170.00
3	laying in position reinforced cement concrete of mix 1:1.5:3 with 20mm and down size graded granite metal, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation plinth and ground floor level for retaining walls, return walls, walls (any thickness) including attached plasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window cills, fillets etc., including cost of all materials, labour, HOM of machinery, curing, complete as	cum			34.99	5630.00	196994.00	34.99	196994.00

Items grouped under Sub-heads and Sub-works of the estimate	Unit	Previous Measurement		Present Measurement			Total Up to date	
		Qty	Cost	Qty	Rate	Amount	Qty	Cost
4 KSRB 4-6.10: Providing and removing centering, shuttering, strutting, propping etc., for chajjas, corbels etc., including edges including cost of all materials, labour complete as per specification.	sqm			6.48	255.00	1652.00	6.48	1652.00
5 KSRB 4.9.2: Providing TMT steel reinforcement for RCC work including straightening, cutting, bending, hooking, placing in position, lapping and/or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications, Specification	sqm			41.99	7150.00	300229.00	41.99	300229.00
6 KSRB 4.6.8: Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for sides and soffits of beams, beam haunchings, cantilever girders, breassumers and lintels not exceeding 1m in depth including cost of all materials, labour	sqm			69.43	699.00	48532.00	69.43	48532.00
7 removing centering, shuttering, strutting, propping etc., and removal of form work for stairs case (excluding landing) except spiral staircase including cost of all materrials, labour complete as per specification	sqm			5.60	491.00	2750.00	5.60	2750.00
8 KSRB 4.6.8: Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for columns, pillars, pier, post and struts, circular or curved in plan including attached pilasters, buttresses, plinth and string courses cost of all materials, labour complete as per	sqm			63.92	916.00	58551.00	63.92	58551.00

Sl. No	Items grouped under Sub-heads and Sub-works of the estimate	Unit	Previous Measurement		Present Measurement			Total Up to date	
			Qty	Cost	Qty	Rate	Amount	Qty	Cost
9	removing centering, shuttering, strutting, propping etc., for chajjas, corbels etc., including edges including cost of all materrials, labour complete as per specification.	sqm			7.86	259.00	2036.00	7.86	2036.00
10	removing centering, shuttering, strutting, propping etc., and removal of form work for flat surface such as suspended floors, roofs, landings, nalconies and likes, thickness upto 200mm including cost of all materials, labour complete as per	sqm			140.00	736.00	103040.00	140.00	103040.00
11	constructing burnt brick masonry with approved quality of non-modular bricks of standard size of class designation 50 (table moulded) with cement mortar 1:6 for basement and superstructure including cost of materials, labour charges, scaffolding, curing complete as per specifications.	cum			36.50	6059.00	221154.00	36.50	221154.00
12	laying in position plain cement concrete of mix 1:2:4 using 20mm and down size graded granite metal, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as	cum			14.63	4902.00	71716.00	14.63	71716.00
13	wood frames of doors, windows, clerestory windows, ventilators and other frames, wrought, framed or assembled including making plaster groves (excluding cost of cement concrete and side clamps), but including cost of materials, labour, HOM of machineries complete as per specifications.	cum			1.53	3399.00	5200.00	1.53	5200.00

Sl No	Items grouped under Sub-heads and Sub-works of the estimate	Unit	Previous Measurement		Present Measurement			Total Up to date	
			Qty	Cost	Qty	Rate	Amount	Qty	Cost
14	[illegible] fixing in position fully panelled Honne wood shutters for doors, styles and rails of 30mm. thick with bottom and lock rails 180mm wide top rail and styles 100mm wide as per drawing and panels of 20mm thick including cost of materials, labour, HOM of machineries complete as per specifications. (excluding cost of	sqm			3.78	4180.00	15800.00	3.78	15800.00
15	KSRB 9-7.3 : Providing and fixing in position fully panelled Matti / Honne wood shutters for doors, styles and rails of 30mm. thick with bottom and lock rails 180mm wide top rail and styles 100mm wide as per drawing and panels of 25mm thick including cost of materials, labour, HOM of machineries complete as per specifications. (S R 2013-14)	sqm			18.00	3807.00	68526.00	18.00	68526.00
16	KSRB 9-7.9 : Providing and fixing M.S.grill work for windows and ventilators weighing 21kg/sqm using M.S. flats, or M.S. square rods, or combination of M.S. flats and square rods as per approved design, drawing including cutting steel sections and welding the same to required pattern with a coat of red lead primer, cost of materials, fixtures, labour and HOM of machinery complete as per specifications.	sqm			18.00	102.00	1836.00	18.00	1836.00
	[illegible] thick cement plaster in single coat with cement mortar 1:6, to brick masonry including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labours, curing complete as per	sqm			140.22	132.00	18509.00	140.22	18509.00

Sl. No	Items grouped under Sub-heads and Sub-works of the estimate	Unit	Previous Measurement		Present Measurement			Total Up to date	
			Qty	Cost	Qty	Rate	Amount	Qty	Cost
18	thick cement plaster in single coat with cement mortar 1:3, to ceiling including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labours, curing complete as per specifications.	sqm			128.05	164.00	21000.00	128.05	21000.00
19	KSRB: 15-7 : Providing lime rendering for plastering to wall and ceiling , including cost of materials, labour, curing complete as per specification.	sqm			268.27	20.00	5365.00	268.27	5365.00
20	KSRB:15-3.3 Providing 12mm thick cement plaster in single coat with cement mortar 1:4, to brick masonry including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labours, curing complete as per specifications.	sqm			245.52	145.00	35600.00	245.52	35600.00
1	KSRB 14:10-3: Providing flooring with 25mm to 40mm thick polished Cadapa slabs using cement mortar 1:6, 25mm thick over existing cement concrete bed or top of roof laid to line and level and jointed with cement slurry mixed with pigment to match the shade of the slab, , including cost of materials, labour, curing, polishing	sqm			128.05	1095.00	140215.00	128.05	140215.00
	priming coat over new wood surface and wood based surface after brushing with wood primer pnic paint including preparing the surface after throughly cleaning oil, grease, dirt and foreign matter, sand papering and knotting ready mix paint including cost of materials labour, complete aas per	sqm			49.01	29.00	1421.00	49.01	1421.00

Sl No	Items grouped under Sub-heads and Sub-works of the estimate	Unit	Previous Measurement		Present Measurement			Total Up to date	
			Qty	Cost	Qty	Rate	Amount	Qty	Cost
23	applying painting two coats (excluding priming coat) on new wood surface and/or wood based surface with enamel paint to give an even shade, cleaning the surface of all dirt, dust and foreign matter, sand paperring including cost of materials, labour complete as per	sqm			49.01	84.00	4117.00	49.01	4117.00
24	KSRB 15-15.1: Providing and applying painting in two coats with plastic emulsion paint of approved brand and shade on surface to give an even approved shaed after throughly brushing the surface, free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour, complete as per specifications [P.69., I.No.10.2] @ 50.00 (S R 2013-	sqm			268.27	67.00	17974.00	268.27	17974.00
25	finishing external walls in two coats with water proof cement paint of approved brand and shade to give an even surface after throughly brooming the surface to remove all drit and loose pewdered materials free from mortar drops and other foreign mater cost of materials labour complete as per	sqm			245.52	55.00	13504.00	245.52	13504.00

Sl. No	Items grouped under Sub-heads and Sub-works of the estimate	Unit	Previous Measurement		Present Measurement			Total Up to date	
			Qty	Cost	Qty	Rate	Amount	Qty	Cost
26	[illegible] integral cement based waterproofing treatment including prepartion of surface as required for treatment of roofs, balconies, terraces etc., consisting of following application (a) Applying and grouting a slurry coat of neat cement using 2.75 kg/sqm of cement admixed with properitary water proofing compound before treatment (b) Laying cement concrete using broken brick bats 25mm to 100mm size with 50% of cement mortar 1:5 admixed with properitary water proofing compound conforming IS:2645 over 20mm thick layer of cement mortar 1:5 admixed with properietary water proof compound to required slope and treating similarly the adjoining walls and slabs. (c) After two days of proper curing, applying a second coat of cement lurry admixed with properitary water proofing compound (d) Finishing the surface with 20mm thick [illegible] shall be flooded with water for a minimum period of two weeks for curing and for final test including cost of materials, labour, complete as per specification (P.	sqm			128.05	830.00	106282.00	128.05	106282.00
27	solid concrete kerb stones made out of CC 1:2:4 of size 450 x 200 x 400 mm and finished with CM 1:3 plastering and finishing cutting etc., complete. (1.No	nos			165.00	300.00	49500.00	165.00	49500.00

Items grouped under Sub-heads and Sub-works of the estimate	Unit	Previous Measurement		Present Measurement			Total Up to date	
		Qty	Cost	Qty	Rate	Amount	Qty	Cost
laying heavy duty cobble stones 60mm thick interlock pavers, using cement and course sand for manufacture of blocks of approved size, shape and colour with a minimum compressive strength of 281 kg per sqm over 50mm thick sand bed (average thickness) and compacting with plate vibrator having 3 tons compaction force thereby forcing part of sand underneath to come up in between joints, final compaction of paver surface joints into its final level, including cost of materials, labour and HOM of machineries	sqm			330.00	890.00	293700.00	330.00	293700.00
sand in foundation upto plinth to required depth for sub soil treatment including watering ramming with lead upto 50m. and lift uptn 1.5 m. complete as per specifications. specification. No.	cum			19.80	1860.00	36828.00	19.80	36828.00
supplying.. Mm dia 2mm22.5mm thick heavy gauage PVC conduict pipe with suitable size bends metal/PVC juntion boxes adhesive paste etc., and runnng before cocreting the slab. The conduict should be tied to the reinforcement roads by using binding wires an uused ways of junction boxes and pipe ends should be covred using PVC end elcousres. Run with 18SWG GO flush wire wherever necessary-a)	nos			28.00	27.00	756.00	28.00	756.00
2mm2/2.5mm thick heavy guage PVC conduit pipe with bends, metal junction boxes adhesive paste etc.,, and bracing Uor J hooks and cement platering up to the surface of the brick level and run trouggh our the conduict wherever necessary -a)19/20mm dia 2mm thick.	cum			28.00	37.00	1036.00	28.00	1036.00

Sl. No	Items grouped under Sub-heads and Sub-works of the estimate	Unit	Previous Measurement		Present Measurement			Total Up to date	
			Qty	Cost	Qty	Rate	Amount	Qty	Cost
32	Supplying and flush mounting teak wooden box without front plank, made of not less than 12mm thick wood, after due groove cutting necessary masonry patch work complete-@ 10"x7"x3(254x178x76mm)f)	nos			2.00	63.00	126.00	2.00	126.00
	1 to 2 way	nos			2.00	16.00	32.00	2.00	32.00
33	Supplying 5A flush / Projected type socket and a 5 amps flush / projected type SP switch either surface mounting in a gang box or in a 4mm thick plastic sheet and fixing over a fllush mounted wooden boxx and wiring using necessary capacity wires as required - b) 6Amps 3/5 way universal socket.	nos			3.00	94.00	282.00	3.00	282.00
34	POINT WIRING USING COPPER WIRE WITH SWITCH Supplying ad wiring adopting loop system in existing PVC conduit / casing caping using copper PVC insulated multi strand 2x1.5 sq.mm copper wire with a 6 Amps flush on the exisiting platic sheet / gang box, the other end of the wires shall be terminated with sufficient loose length in a wood / PVC round block, complete fo each outlet- (I) POINT WIRING USING CLASS A METERIALS	nos			2.00	147.00	294.00	2.00	294.00
	a) Short point upto 3mtr from tapping point to our let via switch	nos			3.00	230.00	690.00	3.00	690.00
	b) Medium point above 3mtrs upto 6 mtr from tapping point to cut let via switch.	nos			4.00	340.00	1360.00	4.00	1360.00
	c) Long point above 6 mtrs to 10 mtrs from tapping point to out let via switch.	nos							

Sl. No	Items grouped under Sub-heads and Sub-works of the estimate	Unit	Previous Measurement		Present Measurement			Total Up to date	
			Qty	Cost	Qty	Rate	Amount.	Qty	Cost
35	circuit using one of PVC indulated 1100 v grade standard copper unsheathed wire single core / multi core cable in open or concealed system of wiring : II Grouo - B Materils : c) 2.5	nos			28.00	26.00	728.00	28.00	728.00
36	Supplying patty type flourscent tube light fitting of 4'-36/40 watts fluorecsent tube fitting,, made out of M.S Sheet and stiove enameled with low loss open construction copper wound ferrmagnetstic ballast, starter, locking type brass contact holders mounted on double fold type sheet base fully wires for use on 230 vo;lts A C supply inluding I No 4'- 36/40 watts fluorescent tube.- Groub-b	nos			4.00	336.00	1344.00	4.00	1344.00
	Supplying and fixing cast aluminium round or ablong type bulk head fitting with Gl wire gurad, Glass cover with 60/100 watts 230v GIS lamp as required. GROUP-B	nos			2.00	400.00	800.00	2.00	800.00
	Fixing all types and all capacities fluorescent / false ceiling/spot light/CGI fitting indoor on the wall / ceiling / rafters / girdars using 23/ 0.0076" twin twisted PVC inculated wires, required nos. of roundblocks and clamps (if required)- a) on wall/ ceilling/ rafter/ girders)	nos			4.00	89.00	356.00	4.00	356.00
	Fixing a ceiling / wall mounting fan of all capacities and all types to the existing S hook together with supplying and fixing a 5 amperers ceiling rose, necessary length of 23/0.0076 inch PVC insulated twin twisted copper wire and wiring completely.	nos			6.00	100.00	600.00	6.00	600.00

Sl. No	Items grouped under Sub-heads and Sub-works of the estimate	Unit	Previous Measurement		Present Measurement			Total Up to date	
			Qty	Cost	Qty	Rate	Amount	Qty	Cost
40	Applying and fixing L.T cast iron pot heads suitable for 1.1 KV class UG cable filles with necessary bitumen / insulating compound complete with terminals, clamps, bolts, nuts and washers etc.- e.50 sq.mm	nos			1.00	250.00	250.00	1.00	250.00
41	Supplying and fixing minitrature circuit breakers on existing MCB distribuution boards using necessary fixing materils and wiring complete as required	nos			1.00	210.00	210.00	1.00	210.00
	A) 5-32 amps S.P.)1) Group A	nos			1.00	560.00	560.00	1.00	560.00
42	Supply and fixing of bakelite D.P/Socket/switch with /-with out neon indicator over exiting wood board or flush mounting in plastic plates / niches-a) 32 Amps flush/projected type DP switch.	nos			2.00	125.00	250.00	2.00	250.00
					TOTAL		2015385.00		2015385.00

2005993

R.N. [illegible] 30/9/14
Asst. Engineer
Ward no:03

Asst. Executive Engineer
Yelahanka New Town Sub Division
BBMP, Bangalore-64.